

4

5

6

2

1



			BUILDING SECTION	ROOM NAME WITH FLOOR FINISH
		(PLAN) BUILDING SECTION (ELEVATION)	A101 SHEET	WINDOW TAG
JURISDICTION: JEFFERSON CO.		ELEVATIONS	1 A101	DOOR TAG
ZONING: HEIGHT RESTRICTIONS:		WALL SECTION	1 A101	REVISION TAG
 <u>SETBACKS:</u> 20' -0" FRONT SETBACK 10'-0" SIDE SETBACKS 15'-0" REAR SETBACK		DETAIL CALLOUT	1 SIM A101 DETAIL NUMBER	LEVEL TAGS
FOR CLIMATE ZONE 13 PER 2009 IRC MAXIMUM GLAZING U-FACTOR CEILINGS WALLS FLOORS BASEMENT WALLS	? .35 R-38 R-21 R-38 R-19	DETAIL CUT (PLAN/SECTION)		DRAWING TITLE
SLAB PERIMETER R-VALUE & DEPTH CRAWL SPACE WALLS	R-9, 4 FT. R-21	RELATED DETAIL CUT BELOW OR ABOVE		NORTH ARROWS
 1/2" = 1'-0"				

9

10

11

	OVER		OW SCHEDU	JLE		
TYPE MARK	TYPE	WIDTH	HEIGHT	COUNT	Sill Height	Head Height
A	Fixed 10' x 9'	9' - 0"	9' - 0"	1	-8"	8' - 4"
В	Casement 60" x 60"	5' - 0"	5' - 0"	4	3' - 0"	8' - 0"
С	Casement 20" x 60" dark	1' - 8"	5' - 0"	3	2' - 0"	7' - 0"
D	Casement 60" x 20" dark	5' - 0"	1' - 8"	3		
E	Casement 30" x 80" dark	2' - 6"	6' - 8"	9		
F	8' x 8'	8' - 0"	8' - 0"	2	2' - 0"	10' - 0"
G	Casement 80" x 30" dark	6' - 8"	2' - 6"	1	5' - 2"	7' - 8"
Н	Fixed 10' x 7'h	10' - 0"	7' - 0"	1	1' - 0"	8' - 0"
I	Casement 40" x 20" dark	3' - 4"	1' - 8"	1	5' - 0"	6' - 8"
Grand	total: 25					

OVERALL DOOR SCHEDULE						
CONSTRUCTION TYPE	WIDTH	HEIGHT	COMMENTS	COUNT		
10' X 8' OVERHEAD GARAGE DOOR	10' - 0"	8' - 0"		2		
245	2' - 6"	8' - 0"		2		
2080	2' - 0"	8' - 0"		3		
2680 PCKT	2' - 6"	8' - 0"		1		
3080	3' - 0"	8' - 0"		9		
3080 GLASS	3' - 0"	8' - 0"		1		
3080 PCKT	3' - 0"	8' - 0"		3		
6068	6' - 0"	8' - 0"		2		
6080 GLASS		8' - 0"		2		
10080 GLASS	10' - 0"	8' - 0"		2		
Grand total: 27				•		

Grand total: 25

7

8





5 UPPER FLOOR AREA PLAN 1" = 10'-0"

4 MAIN FLOOR AREA PLAN 1" = 10'-0"



<u>ROOM NAME</u>-

FLOOR FINISH

3068 = 36" WIDE BY 6'-8" TALL

(1t)

North

1 DRAWING NAME SCALE

WORKING

13

ROOM

------ FLOOR FINISH

- LEVEL NAME

LEVEL ELEVATION

14

15

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AO









North







AO COVER

SCHE	DULE	
FIGHT	COMMENTS	COLIN

NO.	NAME
A0	COVER
A0.1	GENERAL ARCHITECTURAL NOTES
A1	SITE PLAN
A2	MAIN FLOOR PLAN
A3	UPPER FLOOR PLAN
A4	ROOF PLAN
A5	NORTH AND SOUTH ELEVATIONS
A6	EAST AND WEST ELEVATIONS
A7	BUILDING SECTIONS
A8	BUILDING SECTIONS
A9	BUILDING SECTIONS
A10	WALL SECTIONS AND DETAILS
A11	MAIN FLOOR REFLECTED CEILING PLAN
A12	UPPER FLOOR REFLECTED CEILING PLAN
A13	DETAILS AND INTERIOR ELEVATIONS
A14	EXTERIOR PERSPECTIVES
A15	INTERIOR PERSPECTIVES
E1	MAIN FLOOR PLAN - CONCEPTUAL ELECTRICAL PLANS
E2	UPPER FLOOR PLAN - CONCEPTUAL ELECTRICAL PLANS
S0	STRUCTURAL GENERAL NOTES AND COMMON DETAILS
S1	FOUNDATION PLAN
S1.1	3D - FOUNDATION VIEW
S2	MAIN FLOOR FRAMING PLAN
S2.1	3D - MAIN FLOOR FRAMING VIEW
S3	UPPER FLOOR FRAMING PLAN
S3.1	3D - UPPER FLOOR FRAMING VIEW
S4	ROOF FRAMING PLAN
S4.1	3D - ROOF FRAMING VIEW

DRAWING LIST

AREA SCHEDULE	
NAME	AREA
MAIN FLOOR AREA	2808 SF
UPPER FLOOR AREA	2328 SF
PATIO	758 SF
GARAGE	672 SF
BALCONY	483 SF
PORCH	120 SF
Grand total: 6	7169 SF

GENERAL CONSTRUCTION NOTES:

- 1. CONTRACTOR SHALL COMPLY WITH ALL CASTLE ROCK BUILDING DEPARTMENT REQUIREMENTS AND AMENDMENTS TO APPLICABLE CODES. 2. STRUCTURAL DRAWINGS SHALL SUPERCEDE ANY DESIGN REQUIREMENT IN CONFLICT WITH ARCHITECTURAL DRAWINGS, HOWEVER THE ARCHITECT OF RECORD SHALL BE IMMEDIATELY NOTIFIED OF ANY MAJOR DESIGN CHANGE AS A RESULT OF STRUCTURAL PRECEDENCE AND CONSULTED FOR DESIGN
- ADJUSTMENT PRIOR TO COMMENCEMENT OF CONSTRUCTION.
- 3. CONTRACTOR SHALL FIELD-VERIFY ALL DIMENSIONS, MATERIALS, AND SITE CONDITIONS PRIOR TO CONSTRUCTION. 4. ALL WALL DIMENSIONS ARE TO FACE OF STUDS AND CONCRETE OR MASONRY, UNLESS NOTED OTHERWISE. (U.N.O.)

5. THE CONTRACTOR AND ALL SUBCONTRACTORS ARE TO EXAMINE AND VERIFY ALL DIMENSIONS AND EXISTING CONDITIONS, BOTH ON PLANS AND IN THE FIELD PRIOR TO CONSTRUCTION. THE ARCHITECT OF RECORD SHALL BE NOTIFIED OF ANY DISCREPANCIES OR CONFLICTS PRIOR TO PROCEEDING WITH CONSTRUCTION

6. THE CONTRACTOR SHALL NOTIFY ALL UTILITIES FOR LOCATION AND SIZE PRIOR TO ANY DIGGING EXCAVATION OR CONSTRUCTION. 7. CONTRACTOR SHALL VERIFY LOCATION OF, BUT NOT LIMITED TO, THE FOLLOWING (WHEN AND WHERE APPLICABLE)

- 7.1. PROPERTY LINE
- 7.2. UTILITIES AND THEIR LOCATION 7.3. GRADES AT DRIVE AND ENTRANCES, DRIVE, AND PARKING AREAS
- 7.4. GRADES AT BUILDING AND BUILDING ENTRANCES
- 7.5. TREE AND SHRUBBERY LOCATIONS 7.6. STORAGE BUILDING LOCATION
- 7.7. ALL REGRADING AND PAVING

8. IN THE EVENT OF CONFLICTS, EXPLANATORY NOTES IN THE DRAWINGS TAKE PRECEDENCE OVER GRAPHIC INDICATIONS: LARGE-SCALE DRAWINGS AND DETAILS TAKE PRECEDENCE OVER SMALLER-SCALE DRAWINGS, AND FIGURED DIMENSIONS TAKE PRECEDENCE OVER SCALED DIMENSIONS. 9. DIMENSIONS TAKE PRECEDENCE OF DRAWING INFORMATION (DO NOT SCALE IN FIELD FOR CONSTRUCTION) 10. MATERIALS SUCH AS, BUT NOT LIMITED TO, GYPSUM BOARD, SHEATHING AND PLYWOOD MAY BE EXAGGERATED ON DRAWINGS FOR CLARITY

GENERAL FOUNDATION AND CONCRETE NOTES:

- 11. FOUNDATION AND SOILS REPORTS SHALL BE PREPARED BY A COLORADO REGISTERED ENGINEER AND SHALL BE ON SITE FOR THE FIRST REQUIRED INSPECTION.
- 12. FINISH GRADE SHALL BE 6" MINIMUM BELOW UNTREATED WOOD AND A MINIMUM OF 6" SLOPE IN FIRST 10'-0" AWAY FROM THE STRUCTURE. 13. PROVIDE DAMPPROOFING ON EXTERIOR OF ALL FOUNDATION WALLS 14. FOUNDATION DRAINAGE TO BE VERIFIED WITH SOILS REPORT AND FOUNDATION PLAN EITHER PREPARED BY THE ARCHITECT OR ENGINEER. 15. SLAB ON GRADE FLOORS SHALL BE 4" THICK CONCRETE WITH ½" EXPANSION JOINTS AT ALL EDGES, UNLESS NOTED OTHERWISE (U.N.O.)
- 16. FOUNDATION CONCRETE WALLS SHALL BE 8" THICK REINFORCED CONCRETE, UNLESS NOTED OTHERWISE (U.N.O.) 17. SLOPE ALL CONCRETE EXTERIOR FLAT WORK AT 1/4" PER FOOT MINIMUM AWAY FROM THE STRUCTURE TO PROVIDE PROPER DRAINAGE 18. ALL SLABS ON GRADE SHALL BE SUBJECT TO THE FOLLOWING TOLERANCES:
- 18.1. FLATNESS ALL CONCRETE FLOORS SHALL NOT HAVE PITS, DEPRESSIONS, BULGES OR AREAS OF UNLEVELNESS EXCEEDING 1/2" IN 32" UNLESS NOTED OTHERWISE (U.N.O.) ON THE PLANS FOR AREAS SPECIFICALLY DESIGNED FOR DRAINAGE. 18.2. LEVELNESS – ALL CONCRETE FLOOR SHALL BE PLACES LEVEL OR HORIZONTAL WITHIN 1/240 OF THE WIDTH OR LENGTH UNLESS NOTED OTHERWISE (U.N.O.) ON THE PLANS FOR THE AREAS SPECIFICALLY DESIGNED FOR DRAINAGE.
- 18.3. OFFSETS ALL CONCRETE FLOOR SURFACES SHALL MATCH SURROUNDING AREAS. DOORWAYS, ENTRANCES, AND OTHERWISE SIMILAR SURFACES SHALL BE A MAXIMUM OF 1/4" OFFSET 18.4. ALL INTERIOR FLOORS WITH DRAINS ARE SLOPED A MINIMUM OF 1/8" PER FOOT TO DRAIN, UNLESS NOTED OTHERWISE (U.N.O.)

19. CONTROL JOINTS SHALL BE PROVIDED IN ALL CONCRETE FLOOR SLABS AND MASONRY WALLS WHETHER OR NOT SPECIFICALLY REFERENCED ON PLANS. THE MAXIMUM AREA PERMITTED BETWEEN JOINTS SHALL BE 400 SQUARE FEET FOR REINFORCED CONCRETE SLABS, 200 SQUARE FEET FOR NON-38. ALL HALLWAY WIDTHS SHALL BE A MINIMUM OF 36" CLEAR WHEN FINISHED. REINFORCED SLABS AND 400 SQUARE FEET FOR MASONRY UNLESS SHOWN OTHERWISE. 39. PROVIDE FIRE EXTINGUISHERS IN TYPE, SIZE, QUAINTLY, AND LOCATIONS AS REQUIRED BY THE BUILDING AND FIRE DEPARTMENTS. 20. WOOD BEARING ON OR INSTALLED WITHIN 1/2" OF MASONRY OR CONCRETE TO BE TREATED WITH AN APPROVED PRESERVATIVE. SOLID BLOCKING OF 40. ALL BEDROOMS SHALL BE PROVIDED WITH SMOKE DETECTORS DIRECTLY INSIDE AND OUTSIDE OF DOOR TO ROOMS. SMOKE DETECTORS SHALL ALSO NOT LESS THAN 2x THICKNESS SHALL BE PROVIDED AT ENDS AND ALL AT ALL SUPPORT OF JOISTS AND RAFTERS. TYPICAL SILL ANCHOR BOLTS TO BE 1/2" BE INSTALLED AT THE TOP AND BOTTOM OF EACH INTERIOR STAIR RUN AS WELL AS AT EACH EXTERIOR EGRESS DOOR. DIAMETER @ 4'0" UNLESS NOTED OTHERWISE (U.N.O.). 7" MINIMUM EMBEDMENT. ALL METAL FRAMING ANCHORS AND HANGERS SHOWN ON DRAWINGS 41. THE GARAGE SHALL BE SEPARATED AS REQUIRED BY IRC 2012 TABLE R302.6. OPENINGS IN GARAGE WALLS SHALL COMPLY WITH SECTION R302.5. THIS SHALL BE SIMPSON STRONG-TIE CONNECTORS, OR APPROVED EQUIVALENT. PROVISION DOES NOT APPLY TO GARAGE WALLS THAT ARE PERPENDICULAR TO THE ADJACENT DWELLING UNIT WALL.

GENERAL WOOD PRODUCTS NOTES:

21. PLYWOOD – ALL PLYWOOD WALL SHEATHING SHALL BE 7/16" APA RATED OSB SHEATHING UNLESS NOTED OTHERWISE (U.N.O.). ALL PLYWOOD ROOF 42. STAIRS SHALL BE CONSTRUCTED SO THEY ADHERE TO IRC 2012 SECTION 311.7 SHEATHING SHALL BE 15/32" APA RATED OSB SHEATHING UNLESS NOTED OTHERWISE (U.N.O.). MINIMUM NAILING SHALL BE 8D @ 6" O.C. AT PANEL EDGES 42.1. 7-3/4" RISER HEIGHTS MAXIMUM (RISERS ARE NOT TO VARY MORE THAN 3/8" IN THE SAME STAIR RUN) AND 12" O.C. IN FIELD. SPAN INDEX SHALL BE 24/0. ALL PLYWOOD FLOOR SHEATHING SHALL BE 3/4" OSB TONGUE AND GROOVE UNLESS NOTED OTHERWISE 42.2. 10" TREADS MINIMUM. (U.N.O.). MINIMUM NAILING SHALL BE 10D @ 6" O.C. @ PANEL EDGES AND 12" O.C. IN FIELD. SPAN INDEX SHALL BE 40/20. STAGGER ALL PANEL EDGES AT 42.3. PROVIDE A CLEAR FINISHED WIDTH OF 36" ROOF, WALL, AND FLOOR SHEATHING. CDX PLYWOOD PRODUCTS OF EQUIVALENT SPAN RATINGS SHALL BE ALLOWED. 42.4. HEADROOM SHALL BE NOT LESS THAN 6'-8" AND CLEAR OF ALL OBSTRUCTIONS. 22. GLUE LAMINATED TIMBERS – ALL GLUE LAMINATED TIMBERS SHALL BE DOUGLAS-FIR LARCH, FABRICATED TO THE REQUIREMENTS OF THE US 42.5. HEIGHT OF TOP OF HANDRAILS SHALL BE BETWEEN 34" AND 38". 42.6. HANDRAILS WITH A CIRCULAR CROSS SECTION SHALL HAVE AN OUTSIDE DIAMETER OF AT LEAST 1 1/4 INCHES AND NOT GREATER THAN 2 INCHES. IF PRODUCTS STANDARDS PS56. LUMBER SHALL BE OF SUCH GRADE TO PROVIDE NORMAL WORKING STRESS VALUES OF 2,400 PSI, 1,100 PSI IN TENSION, 1,600 PSI IN COMPRESSION PARALLEL GRAIN, 560 PSI IN COMPRESSION PERPENDICULAR TO GRAIN AND 165 PSI HORIZONTAL SHEAR (COMBINATION 24F-THE HANDRAIL IS NOT CIRCULAR, IT SHALL HAVE A PERIMETER DIMENSION OF AT LEAST 4 INCHES AND NOT GREATER THAN 6 1/4 INCHES WITH A MAXIMUM V4). GLUE LAMINATED TIMBERS TO BE AITC CERTIFIED, USE WATERPROOF GLUE. CROSS SECTION OF DIMENSION OF 2 1/4 INCHES. EDGES SHALL HAVE A MINIMUM RADIUS OF 0.01 INCH. 23. APPROVED ANCHORS AND/OR CLIPS SHALL BE USED AT TRUSS AND ROOF FRAMING TO WALL CONNECTIONS. 42.7. HANDRAILS WITH A PERIMETER GREATER THAN 6 1/4 INCHES SHALL HAVE A GRASPABLE FINGER RECESS AREA ON BOTH SIDES OF THE PROFILE. THE

GENERAL ROOFS, FASCIA, AND SOFFIT NOTES:

24. ALL ROOFS SHALL BE 50 YEAR ARCHITECTURAL STYLE ASPHALT SHINGLES OVER 15LB ASPHALT IMPREGNATED UNDERLAYMENT UNLESS NOTED OTHERWISE (U.N.O.). GRACE ICE AND SHIELD UNDERLAYMENT TO BE INSTALLED ON ALL ROOF EAVES AND VALLEYS PER ROOF PLAN DRAWINGS. GALVANIZED FLASHING SHALL BE PROVIDED UNDER GRACE ICE AND WATER SHIELD IN ALL VALLEYS. 25. ALL RAKED SOFFIT BOARD SHALL BE FIBER-CEMENT NON-PERFORATED SOFFIT PANELING.

- 26. ALL EVE SOFFIT BOARDS SHALL BE FIBER-CEMENT PERFORATED SOFFIT PANELING.
- 27. ALL FASCIA BOARDS SHALL BE 4/4 x 1x8 UNLESS NOTED OTHERWISE (U.N.O.). 28. TYPICAL OVERHANGS SHALL BE 1'-0" UNLESS NOTED OTHERWISE (U.N.O.).
- 29. PROVIDE ROOF GUTTERS AND DOWNSPOUTS AS INDICATED PER THE DRAWINGS. SLOPE ALL GUTTERS TO DOWNSPOUTS. GALVANIZED DOWNSPOUTS TO HAVE 4'-0" MINIMUM ADJUSTABLE EXTENSIONS



GENERAL PENETRATION NOTES:

31. ALL EXTERIOR OPENINGS OR WALL PENETRATIONS EXPOSED TO WEATHER ARE TO BE FLASHED AND SEALED WITH SEALANT TO PREVENT MOISTURE AND AIR INFILTRATION. PROVIDE ALL FLASHING AND COUNTER FLASHING ITEMS AS INDICATED AND AS REQUIRED TO MAKE COMPLETED WORK WATERPROOF. FLASHING SHALL BE BRAKE FORMED TO SHARP LINES AND FITTED TO ALL DETAILS. FLASHING AND COUNTER FLASHING AT ALL ROOF-TO-WALL- CONDITIONS. FLASH ALL EXTERIOR DOORS AND WINDOWS PER MANUFACTURER'S APPROVED METHODS AND MATERIALS WHICH CONFORM TO LOCAL AND APPLICABLE CODES.

GENERAL EXTERIOR WALL FINISH NOTES:

32. ALL EXTERIOR WALL MATERIALS THAT ARE NOT NOTED AS STUCCO OR MASONRY SHALL BE CONSTRUCTED USING FIBER-CEMENT BOARD PER STYLES INDICATED ON THE EXTERIOR ELEVATION DRAWINGS. CONTRACTOR SHALL FOLLOW THE MANUFACTURER'S APPROVED METHODS AND MATERIALS WHICH CONFORM TO LOCAL AND APPLICABLE CODES.

33. WALLS NOTED AS STONE SHALL BE CULTURED STONE OVER MORTAR BED, GALVANIZED METAL LATH, 30 ASPHALT FELT UNDERLAYMENT, AND 7/16" OSB SHEATHING. CONTRACTOR SHALL FOLLOW THE MANUFACTURER'S APPROVED METHODS AND MATERIALS WHICH CONFORM TO LOCAL AND APPLICABLE

34. WALLS NOTED AS STUCCO SHALL BE A 3-COAT STUCCO FINISH OVER GALVANIZED METAL LATH, 30LB ASPHALT IMPREGNATED BUILDING PAPER OR EQUIVALENT, AND 7/16" OSB SHEATHING. CONTRACTOR SHALL FOLLOW THE MANUFACTURER'S APPROVED METHODS AND MATERIALS WHICH CONFORM TO LOCAL AND APPLICABLE CODES

35. REPAIR ALL CRACKS, HOLES, AND OTHER PENETRATIONS OR DAMAGES AREAS IN THE EXTERIOR SHEATHING WITH SHEATHING TAPE OR OTHER ACCEPTABLE METHODS PER CODE IMMEDIATELY PRIOR TO PLACING ANY EXTERIOR SIDING OR FINISHES. INSTALL SPECIFIED SIDING OR FINISHED IN STRICT CONFORMANCE WITH MANUFACTURER'S RECOMMENDED INSTALLATION INSTRUCTIONS. 36. PROVIDE WATERPROOF CAULKING UNIFORMLY WHERE ANY SIDING MEETS TRIMWORK, FLASHING, WINDOWS, OR DOORS.

GENERAL EGRESS AND LIFE SAFETY NOTES:

37. PER SECTION R310.1 EMERGENCY ESCAPE AND RESCUE OPENINGS IRC 2012:

37.1. ALL EMERGENCY ESCAPE AND RESCUE WINDOW OPENINGS SHALL HAVE A MINIMUM NET CLEAR OPENING OF 5.7 SQUARE FEET

37.2. THE MINIMUM NET CLEAR OPENING WINDOW HEIGHT SHALL BE 24 INCHES.

37.3. THE MINIMUM NET CLEAR WINDOW OPENING WIDTH SHALL BE 20 INCHES. 37.4. EMERGENCY ESCAPE AND RESCUE OPENINGS SHALL BE OPERATIONAL FROM THE INSIDE OF THE ROOM WITHOUT THE USE OF KEYS, TOOLS OR SPECIAL KNOWLEDGE.

37.5. THE MINIMUM HORIZONTAL AREA OF THE WINDOW WELL SHALL BE 9 SQUARE FEET WITH A MINIMUM HORIZONTAL PROJECTION AND WIDTH OF 36 INCHES. THE AREA OF THE WINDOW WELL SHALL ALLOW THE EMERGENCY ESCAPE AND RESCUE OPENING TO BE FULLY OPENED. 37.6. WINDOW WELLS WITH A VERTICAL DEPTH GREATER THAN 44 INCHES SHALL BE EQUIPPED WITH A PERMANENTLY AFFIXED LADDER OR STEPS USABLE WITH THE WINDOW IN THE FULLY OPEN POSITION. LADDERS OR STEPS REQUIRED BY THIS SECTION SHALL NOT BE REQUIRED TO COMPLY WITH SECTIONS R311.7 AND R311.8. LADDERS OR RUNGS SHALL HAVE AN INSIDE WIDTH OF AT LEAST 12 INCHES SHALL PROJECT AT LEAST 3 INCHES FROM THE WALL AND SHALL BE SPACED NOT MORE THAN 18 INCHES ON CENTER VERTICALLY FOR THE FULL HEIGHT OF THE WINDOW WELL 37.7. A DRAINAGE SYSTEM FOR WINDOW WELLS IS NOT REQUIRED WHEN THE FOUNDATION IS ON WELL-DRAINED SOIL OR SAND-GRAVEL MIXTURE SOILS

ACCORDING TO THE UNITED SOIL CLASSIFICATION SYSTEM, GROUP I SOILS, AS DETAILED IN TABLE R405.1. 37.8. BARS, GRILLES, COVERS, SCREENS OR SIMILAR DEVICES ARE PERMITTED TO BE PLACED OVER EMERGENCY ESCAPE AND RESCUE OPENINGS, BULKHEAD ENCLOSURES, OR WINDOW WELLS THAT SERVE SUCH OPENINGS, PROVIDED THE MINIMUM NET CLEAR OPENING SIZE COMPLIES WITH SECTIONS R310.1.1 TO R310.1.3, AND SUCH DEVICES SHALL BE RELEASABLE OR REMOVABLE FROM THE INSIDE WITHOUT THE USE OF A KEY, TOOL,

SPECIAL KNOWLEDGE OR FORCE GREATER THAN THAT WHICH IS REQUIRED FOR NORMAL OPERATION OF THE ESCAPE AND RESCUE OPENING. 37.9. EMERGENCY ESCAPE WINDOWS ARE ALLOWED TO BE INSTALLED UNDER DECKS AND PORCHES PROVIDED THE LOCATION OF THE DECK ALLOWS THE EMERGENCY ESCAPE WINDOW TO BE FULLY OPENED AND PROVIDES A PATH NOT LESS THAN 36 INCHES IN HEIGHT TO A YARD OR COURT.

GENERAL STAIR NOTES:

FINGER RECESS SHALL BEGIN WITHIN A DISTANCE OF 3/4 INCH (19 MM) MEASURED VERTICALLY FROM THE TALLEST PORTION OF THE PROFILE AND ACHIEVE A DEPTH OF AT LEAST 5/16 INCH WITHIN 7/8 INCH BELOW THE WIDEST PORTION OF THE PROFILE. THIS REQUIRED DEPTH SHALL CONTINUE FOR AT LEAST 3/8 INCH TO A LEVEL THAT IS NOT LESS THAN 1 3/4 INCHES BELOW THE TALLEST PORTION OF THE PROFILE. THE MINIMUM WIDTH OF THE HANDRAIL ABOVE THE RECESS SHALL BE 1 1/4 INCHES TO A MAXIMUM OF 2 3/4 INCHES. EDGES SHALL HAVE A MINIMUM RADIUS OF 0.01 INCH.

42.8. HANDRAILS FOR STAIRWAYS SHALL BE CONTINUOUS FOR THE FULL LENGTH OF THE FLIGHT, FROM A POINT DIRECTLY ABOVE THE TOP RISER OF THE FLIGHT TO A POINT DIRECTLY ABOVE THE LOWEST RISER OF THE FLIGHT. HANDRAIL ENDS SHALL BE RETURNED OR SHALL TERMINATE IN NEWEL POSTS OR SAFETY TERMINALS. HANDRAILS ADJACENT TO A WALL SHALL HAVE A SPACE OF NOT LESS THAN 11/2 INCH BETWEEN THE WALL AND THE HANDRAILS. 42.9. GUARDRAILS SHALL BE CONSTRUCTED BETWEEN 35" AND 38" ABOVE FINISHED FLOOR TO TOP OF RAIL. BALUSTERS AND PICKETS SHALL HAVE A MAXIMUM OPENING OF 4".

43. STAIRS WITH ENCLOSED USABLE SPACE UNDERNEATH SHALL BE 1 HOUR FIRE PROTECTED BY CONSTRUCTING THE WALLS AND THE UNDERSIDE OF THE STAIRS OF THE ENCLOSURE WITH 5/8" TYPE "X" GYPSUM BOARD.

44. EXTERIOR STAIRS SHALL HAVE THE FOLLOWING STRINGER ARRANGEMENT: [6] 2x12 STRINGERS @ STAIR. DOUBLE STINGER @ SIDES WITH 2 INTERMEDIATE STRINGERS. UNLESS NOTED OTHERWISE (U.N.O.).

45. INTERIOR STAIRS SHALL HAVE THE FOLLOWING STRINGER ARRANGEMENT: [3] 2x12 STRINGERS @ STAIR. SINGLE STINGER @ SIDES WITH 1 INTERMEDIATE STRINGER.UNLESS NOTED OTHERWISE (U.N.O.).

GENERAL DOOR AND WINDOW NOTES:

47.3. PLACED LESS THAN 18" ABOVE FINISHED FLOOR

FENESTRATION U-FAC

CEILINGS WALLS BASEMENT WALLS

CRAWL SPACE WALL SKYLIGHT U-FACTOR GLAZED FENESTRAT

NOTE IN-LIEU OF MINIMUM REQUIREMENTS OWNER HAS ELECTED TO HERS RATING. REFER TO HERS REPORT AND WALLS SECTIONS FOR INSULATION AND ENVELOPE PRESCRIPTIONS TO BE IMPLEMENTED IN THIS HOUSE.

55. N/A

56. A GROUND COVER OF 6 MIL BLACK POLYETHYLENE OR EQUIVALENT SHALL BE LAID OVER THE GROUND IN ALL CRAWL SPACES. THE GROUND COVER SHALL BE OVERLAPPED 12" AT EACH JOINT AND TAPED AND SEALED WITH SILICONE AND SHALL EXTEND TO THE FOUNDATION WALL. ADHERE TO FOOTING ADJACENT TO THE WALL WITH A CONTINUOUS SILICONE BEAD. 57. THE NET FREE VENTILATING AREA FOR ATTIC VENTILATION MAY BE 1/300 OF THE AREA OF THE VENTILATED SPACE PROVIDED THAT A VAPOR BARRIER HAVE A PERM RATING NOT EXCEEDING 1 IS INSTALLED ON THE WARM SIDE OF THE INSULATION.

GENERAL VENTILATION NOTES:

GENERAL FIREPLACE NOTES:

PART OF THE FIREBOX.







46. PER IRC 2012 R302.5.1 OPENING PROTECTION - OPENINGS FROM A PRIVATE GARAGE DIRECTLY INTO A ROOM USED FOR SLEEPING

- PURPOSES SHALL NOT BE PERMITTED. OTHER OPENINGS BETWEEN THE GARAGE AND RESIDENCE SHALL BE EQUIPPED WITH SOLID WOOD DOORS NOT LESS THAN 1 3/8 INCHES IN THICKNESS, SOLID OR HONEYCOMB-CORE STEEL DOORS NOT LESS THAN 1 3/8 INCHES THICK, OR 20-MINUTE FIRE-RATED DOORS, EQUIPPED WITH A SELF-CLOSING DEVICE.
- 47. PROVIDE TEMPERED GLASS WHEN THE FOLLOWING OCCURS: 47.1. WITHIN 24" ARC OF DOORS OR OTHER AREAS SUBJECT TO HUMAN IMPACT.
- 47.2. USED AS INGRESS OR EGRESS DOORS
- 47.4. IN GLAZING ADJACENT TO THE LANDING AT THE BOTTOM OF A STAIRWAY WHERE THE GLAZING IS LESS THAN 36 INCHES ABOVE THE
- LANDING AND WITHIN 60 INCHES HORIZONTALLY OF THE BOTTOM TREAD 48. ALL DOOR OPENINGS IN FRAME CONSTRUCTION WHICH ARE NOT DIMENSIONED ARE EITHER CENTERED ON THE WALL OR LOCATED 4" FROM THE FACE OF STUD TO THE FINISHED JAMB ON THE HINGED SIDE.
- 49. COORDINATE ALL DOOR AND WINDOW HEADERS WITH CORRESPONDING WINDOW AND DOOR SCHEDULES.
- 50. INTERIOR DOOR AND ARCHED OPENINGS UP TO 6'-0" WIDE SHALL HAVE [2] 2x8 HEADERS. 51. THRESHOLDS SHALL BE 1/2" HIGH MAXIMUM
- 52. ALL GLAZING AND SAFETY GLAZING SHALL BE IN COMPLIANCE WITH 2012 IRC SECTION R308.

GENERAL INSULATION AND ENERGY NOTES:

53. CHAPTER 11 ENERGY AND EFFICIENCY: ENERGY COMPLIANCE NECESSARY FOR CLIMATE ZONE 5 PER 2012 IECC

CTOR	0.32
	R-49
	R-20
	R-15
S	R-15
	0.55
ION SHGC	NR

54. INSULATE BEHIND BATHTUBS, SHOWERS, PARTITIONS, AND EXTERIOR CALIFORNIA STYLE FRAMING CORNERS. PROVIDE FACE STAPLED BATTS OR FRICTION FIT BATTS. PROVIDE R-10 INSULATION UNDER ELECTRIC WATER HEATERS.

- 58. PROVIDE EXTERIOR COMBUSTION AIR TO GAS, WOOD, AND FOSSIL-FIRE HEATED EQUIPMENT
- 59. PROVIDE COMBUSTIBLE AIR TO FURNACE AND WATER HEATER PER LOCAL BUILDING CODES 60. LP GAS BURNING APPLIANCES ARE NOT PERMITTED IN CRAWL SPACES.
- 61. PROVIDE AT LEAST 100 SQUARE INCHES OF VENTILATION FOR LAUNDRY ROOMS
- 62. PROVIDE EXTERIOR VENTING OF CLOTHES DRYER, EXHAUST FANS, AND COOLING AND HEATING EQUIPMENT. 63. PROVIDE 1 SQUARE FOOT PER EVERY 150 SQUARE FOOT (WALL VENT TO ATTIC SPACE) OR 1 SQUARE FOOT PER EVERY 300 SQUARE FOOT
- IF ROOF EAVE/SOFFIT VENTS ARE USED WITH 1" SPACE BETWEEN ATTIC INSULATION AND ROOF SHEATHING. 64. DUCTWORK SHALL COMPLY WITH 2012 IRC CHAPTER 16.
- 65. GAS BURNING APPLIANCE SHALL COMPLY WITH 2012 IRC CHAPTERS 17 AND 24.
- 66. CHIMNEYS & VENTS SHALL COMPLY WITH 2012 IRC CHAPTER 18. 67. ROOF VENTING SHALL COMPLY WITH 2012 IRC SECTION R806.

- 68. FIREPLACES AND CHIMNEYS SHALL COMPLY WITH REQUIREMENTS OF 2012 IRC CHAPTER 10.
- 69. PRE-FABRICATED FIREPLACES, CHIMNEYS, AND RELATED COMPONENTS TO BEAR U.L. OR I.C.B.O. SEAL OF APPROVAL AND TO BE INSTALLED PER MANUFACTURERS SPECIFICATIONS. 70. HEARTHS SHALL EXTEND 20" MINIMUM IN FRONT OF AND 12" MINIMUM BEYOND EACH SIDE OF FIREPLACE OPENINGS. FIREPLACES SHALL BE
- PROVIDED WITH TIGHTLY FITTING GLASS OR METAL DOORS. 71. ALL MASONRY FIREPLACES AND CHIMNEYS SHALL BE CONSTRUCTED TO CONFORM TO ALL APPLICABLE PORTIONS OF THE 2012 IRC CODE. FLUE LINER MINIMUM OF 5/8" FIRE CLAYS OR EQUIVALENT PER 2012 IRC. FLUE AREA PER 2012 IRC. CHIMNEYS SHALL SUPPORT ONLY THEIR OWN WEIGHT UNLESS SPECIFICALLY DESIGNED TO SUPPORT ADDITIONAL LOADS. ALL FIREPLACES SHALL BE PROVIDED WITH TIGHTLY
- FITTING FLUE DAMPERS, OPERATED WITH A READILY ACCESSIBLE MANUAL OR APPROVED AUTOMATIC CONTROL, AND AN OUTSIDE SOURCE OF COMBUSTION AIR. MINIMUM DUCT SIZE OF 6 SQUARE INCHES IN AREA PROVIDED WITH READILY ACCESSIBLE DAMPER LOCATED IN THE FRONT







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SCALE : 1" = 30'-0"

				SCHEDULE			
TYPE MARK	Count	TYPE	WIDTH	HEIGHT	SILL HEIGHT	HEAD HEIGHT	COMMENTS
	·			·		,	
В	1	Casement 60" x 60"	5' - 0"	5' - 0"	3' - 0"	8' - 0"	
D	1	Casement 60" x 20" dark	5' - 0"	1' - 8"	4' - 6"	6' - 2"	
E	6	Casement 30" x 80" dark	2' - 6"	6' - 8"	2' - 0"	8' - 8"	
F	1	8' x 8'	8' - 0"	8' - 0"	2' - 0"	10' - 0"	
G	1	Casement 80" x 30" dark	6' - 8"	2' - 6"	5' - 2"	7' - 8"	
	1	Casement 40" x 20" dark	3' - 4"	1' - 8"	5' - 0"	6' - 8"	

Grand total: 11

			0		
CONSTRUCTIO N TYPE	Count	TYPE	WIDTH	HEIGHT	COMMENTS
245	2	36" x 96" black and glass	2' - 6"	8' - 0"	
2080	1	24" x 96" black	2' - 0"	8' - 0"	
2680 PCKT	1	2680 Pocket	2' - 6"	8' - 0"	
3080	4		3' - 0"	8' - 0"	
3080 PCKT	1	3080 Pocket	3' - 0"	8' - 0"	
6080 GLASS	1	36" x 96" black and glass	3' - 0"	8' - 0"	
10080 GLASS	2	Door SL-10 NanaWall	10' - 0"	8' - 0"	

A6 2







MAIN FLOOR PLAN

North

SCALE : 1" = 30'-0"

TYPE					HEAD	
MARK	TYPE	WIDTH	HEIGHT	SILL HEIGHT	HEIGHT	COMMENTS
Ą	Fixed 10' x 9'	9' - 0"	9' - 0"	-8"	8' - 4"	
В	Casement 60" x 60"	5' - 0"	5' - 0"	3' - 0"	8' - 0"	
С	Casement 20" x 60" dark	1' - 8"	5' - 0"	2' - 0"	7' - 0"	
D	Casement 60" x 20" dark	5' - 0"	1' - 8"			
Ε	Casement 30" x 80" dark	2' - 6"	6' - 8"	2' - 6"	9' - 2"	
F	8' x 8'	8' - 0"	8' - 0"	2' - 0"	10' - 0"	
 H	Fixed 10' x 7'h	10' - 0"	7' - 0"	1' - 0"	8' - 0"	

Grand total: 14

1

UPPER FLOOR DOOR SCHEDULE

CONSTRUCTIO N TYPE	Count	TYPE	WIDTH	HEIGHT	COMMENTS
			•		
2080	2	24" x 96" black	2' - 0"	8' - 0"	
3080	5	36" x 96" BLACK	3' - 0"	8' - 0"	
3080 GLASS	1	36" x 96" BLACK-GLASS	3' - 0"	8' - 0"	
3080 PCKT	2	3080 Pocket	3' - 0"	8' - 0"	
6068	2	72" x 80"	6' - 0"	8' - 0"	
6080 GLASS	1	68" x 96" BLACK	5' - 8"	8' - 0"	

A6 2

3 4



UPPER FLOOR PLAN

North

SCALE : 1" = 30'-0"

3 4

A6 2



1 ROOF PLAN - NEW 1/4" = 1'-0"

SCALE : 1" = 30'-0"











A5











A6 EAST AND WEST ELEVATIONS

NCE

GRATTAROLA RESIDE

FRONT RANGE COMMUNITY COLLEGE

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SECTION THROUGH STAIRS LOOKING 1 NORTH 1/4" = 1'-0"

























T.O. ROOF 124' - 4 1/8"	
7/16" OSB SHEATING OVER 11 7/8" I-JOIST FRAMING	t' - 1 1/4"
 UPPER T.O. PLATE 120' - 2 7/8"	
1X4 T&G DARK WOOD FINISH CEILING	
2x6 EXTERIOR WOOD FRAMED WALL WITH STUDS @ 16" O.C. AND R-20 BATT INSULATION	9' - 1 1/8"
2-1/4" HARDWOOD FLOORING OVER ROSIN PAPER	
<u>UPPER T.O. SUBFLOOR</u>	6 1/4"
MAIN T.O. PLATE 110' - 1 1/8"	58
1-1/8" X 11-7/8" RIM BOARD	
3/4" T&G PLYWOOD ———————————————————————————————————	- 1 1/8"
FOUNDATION WALL - 8" CONCRETE	10,
20" WIDE x 10" THICK CONCRETE FOOTING	
<u>MAIN T.O. SUBFLOOR</u> 100' - 0"	
T.O. FOUNDATION 98' - 9 7/8"	3 0 <u>3</u>
<u>MAIN B.O. FOUNDATION</u> 95' - 9 7/8"	$\bigcirc \checkmark \checkmark$





SECTION THROUGH GARAGE LOOKING 1 <u>NORTH</u> 1 1/4" = 1'-0"

3

2

T.O. ROOF 124' - 4 1/8"

FRAMING

7/16" OSB SHEATING OVER 11 7/8" I-JOIST—

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		\sum	
	124' - 4 1/8" 🕓		
	7/16" OSB SHEATING OVER 11		
	7/8" I-JOIST FRAMING	.4	
	5/8" GYPSUM OVER VAPOR	-	
	THROUGHOUT INTERIOR	4	
		` .	
	120' - 2 7/8"		\mathbf{h}
	2x6 EXTERIOR WOOD		
	FRAMED WALL WITH		
	STUDS @ 16" O.C. AND		
	K-20 BATT INSULATION	۰.	
	WHITE STUCCO OVER	1/8	
		Ţ	
	CARPET PAD	o'	
	3/4" T&G PLYWOOD		
	SHEATHING OVER 11 7/8"		
	I-JOIST FRAMING		
<u> </u>	UPPER T.O. SUBFLOOR	%	L
	111' - 1 3/4" 🕓	05	1/4
		; 	<u> </u>
	<u>IVIAIIN T.U. FLATE</u> 110' _ 1 1/0"		28
	110 - 1 1/8	-	
	1-1/8" X 11-7/8" RIM BOARD		
	4" HERRINGBONE	5	
	PAVERS	1/8	
	FOUNDATION WALL - 8"	- -	
	CONCRETE	10	
	20" WIDE x 10" THICK		
	CONCRETE FOOTING		
<u> </u>	<u>IVIAIIN 1.U. SUDFLUUR</u>	- <u>18</u>	+
	100 - 0 3	_ ~	
	T.O. FOUNDATION		
	98' - 9 7/8"	• •	
		, M	
	MAIN B.O. FOUNDATION	$\overline{)}$	$ \downarrow \downarrow $
	95' - 9 7/8" 🕓		

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1	2	3	4	5

	MAIN FLOOR CEILING		
	NAME	NOTE: All heights are measured fro	
A	Ceiling - 5/8" Gypsum Wall Board	2402 SF	subfloor to the finished height of the

- A6 2



MAIN FLOOR REFLECTED CEILING PLAN

1 2 3 4 5 6 7 8 9 10

	UPPER FLOOR CEILING	MATERIAL TAKEOFF
_	NAME	AREA
A	Ceiling - 1x4 T&G Dark wood	285 SF
	Ceiling - 5/8" Gypsum Wall Board	2563 SF

- A6 2

8' - 0"

6068

6068

12' - 0"

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4' - 0"

4' - 0"

E



A12

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A5

NOTE: All heights are measured from the top of structural subfloor to the finished height of the gypsum ceilings

68' - 0"

5/8" GYPSUM OVER VAPOR BARRIER ON CEILINGS TYPICAL THROUGHOUT INTERIOR

C

3 A10

68' - 0"

2

(A5)

4' - 4"

4' - 4"

(C)

18' - 0"

9' - 0 7/8"

9' - 8 1/8"

5' - 8"

11' - 1 5/16"

11' - 9 3/4"

12' - 2 1/2"

12' - 11 3/16"

12' - 0"

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12' - 2 1/4"

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2 3 4 5 6 7 8 9

A15

A15 INTERIOR PERSPECTIVES

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MAIN FLOOR ELECTRICAL FIXTURE SCHEDULE TYPE COUNT FAMILY Ceiling Fan - Modern White 42" 2 Exhaust Fan - Ceiling Exhaust Fan - Ceiling 4 Outlet-220 Single Single 4 Outlet-Duplex 48 Smoke Detector Smoke Detector 5 Single Switch-Single 33

MAIN FLOOR LIG	HTING FIXTURE SCHEDULE	
FAMILY	TYPE	COUNT
Ceiling Light - Flat Round	60W - 120V	2
Downlight - Fluorescent Strip	48"	2
Downlight - Recessed Can	6" 100 watt Incandescent	29
Downlight - Strip		3
Downlight - Wet Location	6" 60 watt Incandescent	2
Entourage - Glo-Ball Floor Lamp	Entourage - Glo-Ball Floor Lamp	1
Exterior Light	120V 2	5
Floor_light_perfect_for_exterior_16733	100mm Light + 20mm Border	4
Pendant Light - Cylinder Pendant C	Pendant Light - Cylinder Pendant C	3
Pendant Light - Quadruple Cube Pendant	Pendant Light - Quadruple Cube Pendant	1
Vanity-wall_mounted	White	2
Wall_Light_15611	25 Watt	2

E

MAIN FLOOR PLAN - CONCEPTUAL ELECTRICAL PLANS

North

SCALE : 1" = 30'-0"

12

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E1

Δ						
	EX-L	EXTERIOR WALL MOUNTED LIGHT	- F/L -	FAN / LIGHT	-GRF-	SURFACE MOUNTED LIGHT
	\vdash		-RL-	BARE LIGHT		CEILING FAN W/ LIGHT
B		220V	s	SMOKE ALARM		
	SP	IN-CEILING SPEAKER	-@-	WET LOCATION ADJUSTABLE 6" RECESSED CAN	-@- GFCI	ADJUSTABLE 6" RECESSED CAN GROUND FAULT CIBCUIT
C	<u></u>	HALF SWITCHED DUPLEX OUTLET	<u></u>	THREE WAY SWITCH	<u>\$</u>	INTERRUPTER
•	5	SINGLE SWITCH	\bigtriangledown	A/V CONNECTION		
		WALL MOUNTED SCONCE		ALARM PANEL	-(RL)-	WALL MOUNTED READING LIGHT

ELECTRICAL PANEL

1

ELECTRICAL LEGEND 1/2" = 1'-0"

FAMILY TYPE COUN						
Ceiling Fan - Modern	White 42"	3				
Exhaust Fan - Ceiling	Exhaust Fan - Ceiling	2				
Outlet-Duplex		32				
Smoke Detector	Smoke Detector	6				
Switch-Single	Single	22				

UPPER FLOOR LIGHTING FIXTURE SCHEDULE						
FAMILY TYPE COUNT						
Ceiling - Flat Round	100 Watt - Icandescent	1				
Downlight - Recessed Can	6" 100 watt Incandescent	14				
Downlight - Wet Location	6" 60 watt Incandescent	2				
Exterior Light	120V 2	2				
Vanity-wall_mounted	White	3				

UPPER FLOOR PLAN - CONCEPTUAL <u>ELECTRICAL</u> 1/4" = 1'-0"

E2

SCALE : 1" = 30'-0"

	1			2	3	4		5
FOUNDATION F	RELATED EA	<u>RTHWORK</u>					CONC	RETE FORMWORK
EXCAVATION 1. EXCAVA	ATE SUBSOI	TO ACCOMM	ODATE NEW F	OUNDATION TO DEI	PTH SHOWN ON DI	RAWINGS. HAND TRIM	1. RELEA NATUI	CONCRETE FORMS SHALL BE CI ASE AGENT SHALL BE COLORLESS RAL BONDING OF CONCRETE.
2. NOTIFY	GEOTECHN	ICAL ENGINEE		OF 72 HOURS PRIOF	R TO EXCAVATION	S AND DRILLED PIER	2.	SOAK INSIDE SURFACE OF UNTF
INSTALLATION	TO SCHEDU			IL CONDITIONS.			3. 4	
FROST ACTION	I. SUBMITTAL	S FOR REVIEW	N:				5.	PROVIDE BRACING TO ENSURE
1. SUBMIT RESUBMIT WHI BACKFILL AND	SIEVE ANAL ENEVER A NI COMPACTIO	LYSIS AND STA EW PIT OR SUI	NDARD MOIS	TURE-DENSITY CUR DIFFERENT MATERI.	VE FOR EACH BAC AL IS USED.	KFILL MATERIAL.	6. AND IN	DO NOT REMOVE FORMS OR BR
1. PLACE				ITINUOUS LAYERS N	OT EXCEEDING 8"		7. CONC	
2. MAINTA		I MOISTURE CO		ACKFILL MATERIALS		ACTION DENSITY.	1.	REINFORCING STEEL SHALL BE
B. BACKFI	LL SIMULTAN	NEOUSLY ON E	EACH SIDE OF	FOUNDATION WALL	S THAT ARE NOT I	DESIGNED FOR RETAINING SO)IL 2.	LAP HORIZONTAL BARS 30 BAR
L DO NOT	Г BACKFILL (ONCRETE WA	ALLS UNTIL FLO	OOR FRAMING SUPF	PORTING TOP OF V	VALLS IS IN PLACE.	3.	WELDED STEEL WIRE FABRIC SI
5. COMPA	CTION TEST	ING SHALL BE	PERFORMED	IN ACCORDANCE W	ITH ASTM D2922, T	EST METHODS FOR SOIL	4. MATEI	CHAIRS AND SPACERS SHALL BI RIALS SUCH AS WOOD OR OTHER
3Y NUCLEAR M	UIREMENTS:	AXIMUM DENS	ITY SHALL BE	DETERMINED BY IF		JIOR METHOD, ASTM D1557.	50 EN	CONCRETE CLEAR COVER FOR
i. FILL WI		NG ENVELOPE	:				a. b.	BOTTOM OF FOOTINGS AND SLA FOUNDATION WALLS AND EXTER
I. MATER D. COMPA	IAL: GRANU	LAR BACKFILL MODIFIED PR					c. d.	TOP AND BOTTOM OF ELEVATED ALL FACES OF PIERS: 1-1/2".
. IESTIN 2. BACKFI	G. EVERY O	TERIOR OF R	UILDING AT F	ROST WALLS:			RELA 1	FED ITEMS
MATER COMPA	IAL: SUITABI	LE NATIVE SOI MODIFIED PR	L OCTOR				1.	OMITTED
. GRAVE		ABS:						
). COMPA 2. TESTIN	CTION: 95% G: EVERY 10	MODIFIED PR	OCTOR	JAFILL			<u>STRU(</u>	CTURAL STEEL
MATERIALS:							SUBM	ITTALS FOR REVIEW
1. GRANU	LAR BACKFI	LL:					1. OPENI	SHOP DRAWINGS: INDICATE PRO
SIEVE DE	SIGNATION	% BY WEIGH	IT PASSING SI	IEVES			DETAI LENG	LED ON DRAWINGS. INDICATE WE THS.
3 INCH NO. 4	10 45-	0 75					SUBM	ITTALS FOR INFORMATION
NO. 100 NO. 200	0- 0-	6					1.	MANUFACTURER'S MILL CERTIF
. CRUSH SIEVE DE	ED GRAVEL: SIGNATION	% BY WEIGH	IT PASSING S	IEVES			2. ANALY	SIS.
2 INCH 1 1/2 INC NO. 4	10 H 9 30-	0 0-100 60					3. PREVI QUALI	WELDERS CERTIFICATES: CERT OUS 12 MONTHS. TY ASSURANCE
NO. 100 NO. 200	0- 0-	12 6					1.	FABRICATE STRUCTURAL STEEL
. CRUSH SIEVE DE	ED STONE: SIGNATION	% WEIGHT E	3Y PASSING S	IEVES			2.	PERFORM WORK IN ACCORDAN
1 INCH ¾ INCH	10 90	0 D-100	00.55				3. FIVE Y	FABRICATOR AND ERECTOR: CC 'EARS EXPERIENCE.
	No.4 No.8	0-5	20-55 0-10				MATEI	RIALS
. SUITABLE N	NATIVE SOIL:	ON SITE SAN	D OR GRAVEL	REASONABLY FREE	E OF LOAM, SILT, C	CLAY, OR ORGANIC MATTER.	1.	STRUCTURAL STEEL WIDE FLAN
CAST-IN-PLACE	E CONCRETE	I					2.	ANGLES, CHANNELS, PLATE AND
. CODES	AND STAND	ARDS: COMPL	_Y WITH THE F	PROVISIONS OF THE	LATEST EDITIONS	SOF:	3.	STRUCTURAL TUBING: ASTM A50
ACI 301 ACI 305	"SPECIFICA" "HOT WEAT	TIONS FOR ST HER CONCRE	RUCTURAL CO	DNCRETE"			4. 5.	BOLTS, NUTS, AND WASHERS' M
ACI 306 ACI 308	"STANDARD "STANDARD	SPECIFICATIO)N FOR COLD)R CURING CC	WEATHER CONCRE NCRETE".	TING"		WASH NOTEI	IERS, GALVANIZED TO ASTM A153 D ON DRAWINGS.
PRIOR HEETS ON AN	TO PLACEME	ENT OF CONCE RES TO BE USE	RETE, SUBMIT ED.	TO ENGINEER MIX D	DESIGN INCLUDING	G TECHNICAL DATA	6.	ANCHOR BOLTS: ASTM A-307 FO
. OMITTE	ED						7.	WELDING MATERIALS: AWS D1.1
a. OMITTE D. OMITTE D. OMITTE	D D D						8. REDU(GROUT: NON-SHRINK TYPE, PRE CING AND PLASTICIZING ADDITIVE
. OMITTE	Ð						9.	SHOP AND TOUCH-UP PRIMER:
. SUBMIT VITH ACI 318, C	MIX DESIGN CHAPTER 5.	I AND EITHER	TRIAL MIX DES	SIGNS OR HISTORIC	FIELD DATA FOR A	APPROVAL IN ACCORDANCE	10.	TOUCH-UP PRIMER FOR GALVAN
. COMPR	ESSIVE STR	ENGTH AT 28 I S AND FOOTIN	DAYS: JGS, INTERIOF	SLABS: 3000 PSI			FINISF	ł
D. EXTERI	OR SLABS: 4	4000 PSI					1. RECEI	PREPARE STRUCTURAL COMPC IVE STANDARD PRIMER AND SSPO
a. Transi a. Minimu	IT MIX SHALL	CONFORM TO	3000 PSI CON	ICRETE IS 517 POUN	IDS PER CUBIC YA	RD.	2.	SHOP PRIME STRUCTURAL STE
0. MINIMU	M CEMENT (CONTENT FOR	4000 PSI CON	ICRETE IS 564 POUN	IDS PER CUBIC YA	RD.	FIELD	PRIME AND PAINT ARCHITECTU
1. MAXIMU	JM AGGREG	ATE SIZE SHAI	_L BE 3/4".				4.	WHERE INDICATED, STRUCTUR
2. SLUMP	: 3" TO 5".						PROVI	IDE MINIMUM 1.25 OZ/SQ FT GALV/ TION
3. AIR ENT ON GRADE.	[RAINMENT (OF 4 TO 6% BY	VOLUME. DC) NOT ADD AIR ENTF	AINING ADMIXTUR	RES FOR INTERIOR SLABS		ALLOW FOR ERECTION LOADS.
4. NO CHL	ORIDE OR C	THER UNAUTH	HORIZED ADM	IXTURES SHALL BE	USED.			
5. PLACE HAN 90 DEGR	NO CONCRE EES FAHREN	TE WHEN AME	3IENT TEMPEF PLACEMENT '	RATURE IS BELOW 4 PROCEDURE IS IN C	0 DEGREES FAHRE OMPLIANCE WITH	ENHEIT OR MORE ACI 305 OR ACI 306.	2.	
I. COMPL DR SECTIONS.	Y WITH ACI (DO NOT PE	CODES AND PL RMIT COLD JO	ACE CONCRE	ETE IN A CONTINUOL JR.	JS OPERATION WIT	THIN PLANNED JOINTS	4. CONT	AFTER ERECTION, PRIME WELD
	G: BEGIN INI BLE, KEEP CO	TIAL CURING A	S SOON AS FI	REE WATER HAS DIS HOURS. CONTINUE	SAPPEARED FROM CURING BY USE C	I EXPOSED SURFACES. DF MOISTURE RETAINING	5. <u>WOOE</u> GENF	GROUT UNDER BASE PLATES D FRAMING AND SHEATHING RAL
COVER OR ME	MBRANE-FO	RMING CURIN	G COMPOUND).				

GROUT: PRE-MIXED, NON-SHRINK, WITH MINIMUM COMPRESSIVE STRENGTH OF 7000 PSI AT 28 DAYS AS 2. MANUFACTURED BY FIVE STAR PRODUCTS, INC, OR APPROVED EQUIVALENT.

USED.

3. NO CONCRETE SHALL BE DROPPED MORE THAN 4 FEET INSIDE A FORM.

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BE CLEAN AND FREE FROM DEBRIS. IF FORMS ARE COATED WITH A RELEASE AGENT, THE LESS MINERAL OIL WHICH SHALL NOT STAIN CONCRETE OR ABSORB MOISTURE OR IMPAIR	2. SHEAT WARPI PROTE	PROTECT LUMBER AND HING AND LUMBER IN ST NG. LOCATE STACKS IN CT LUMBER FROM RAIN,	OTHER PRODUCTS FROM ACKS IN SUCH A MANNER A WELL DRAINED AREAS, SU SNOW AND DRIVING RAIN.	DAMPNESS BOTH DURING AN AS TO PROVIDE ADEQUATE AI IPPORTED AT LEAST SIX INCHI	D AFTER DELIVE R CIRCULATION ES ABOVE GRAE
JNTREATED FORMWORK WITH WATER PRIOR TO USE.	3.	STORE SEASONED MAT	ERIALS IN DRY PORTIONS (OF BUILDING.	
E DURING FORM STRIPPING.	4.	PROTECT SHEET MATER	RIALS FROM CORNERS BRE	EAKING AND DAMAGING SURF.	ACES WHILE UN
FRAMING OPENINGS IN STRUCTURAL MEMBERS WHICH ARE NOT INDICATED ON DRAWINGS.	5. PRODL	NOMINAL SIZES ARE IND JCT STANDARD 20, DEPA	DICATED EXCEPT AS SHOW RTMENT OF COMMERCE.	IN BY DETAIL DIMENSIONS. PF	ROVIDE ACTUAL
JRE STABILITY OF FORMWORK.	6.	MAXIMUM MOISTURE CO	ONTENT SHALL NOT EXCEE	ED 19%.	
R BRACING UNTIL CONCRETE HAS GAINED SUFFICIENT STRENGTH TO CARRY ITS OWN WEIGHT	MATEF	RIALS			
D. CENTER ALL FOUNDATION PIERS AND FOOTINGS ON COLUMN CENTERLINES.	1.	2X6 AND 2X4 BEARING W	ALLS, INTERIOR AND EXTE	ERIOR LOCATIONS: DOUGLAS	FIR-LARCH NO.
	2.	STRUCTURAL ROOF AND	D FLOOR FRAMING: NO.2 A	AS GRADED BY WWPA	
. BE ASTM A615, 60 KSI YIELD GRADE, DEFORMED STEEL BARS PER ASTM A305.	3.	PRESERVATIVE PRESSU	JRE TREATED LUMBER: SC	JUTHERN PINE NO. 2, AS GRAE	DED BY SPIB
AR DIAMETERS UNLESS NOTED OTHERWISE.	4. a. b	PROVIDE LVL HEADERS	MBER (LVL): AND BEAMS AS INDICATED		
IC SHALL BE ASTM A185. LAP A MINIMUM OF ONE MESH.	D. TRUS-	JOIST OR EQUIVALENT) M	IEETING THE FOLLOWING N	VINIMUM ALLOWABLE STRESS	S CRITERIA:
LL BE PLACED TO ADEQUATELY SUPPORT REINFORCING DURING PLACEMENT. FOREIGN HER UNSUITABLE SUPPORTS SHALL NOT BE USED TO SUPPORT REINFORCING. SET WIRE TIES CRETE WHERE CONCRETE WILL BE EXPOSED.	F F E F	B (BENDING STRESS) = 20 V (HORIZ. SHEAR STRESS (MODULUS OF ELASTICI C (COMPRESSION PERPE	600 PSI S) = 285 PSI TY) = 1,900,000 PSI ENDICULAR TO GRAIN) = 75	50 PSI	
FOR REINFORCEMENT (UNLESS SHOWN OTHERWISE): 9 SLABS ON GRADE: 3". XTERIOR WALLS: 2". ATED SLABS: 3/4".	6. a. b. CRITEF	PARALLEL STRAND LUM PROVIDE PSL BEAMS AN PSL FRAMING (PARALLA RIA:	, BER (PSL): ND POSTS AS INDICATED. M BY TRUS-JOIST OR EQU	IVALENT) TO MEET THE FOLLC	DWING MINIMUM
	F F E F	B (BENDING STRESS) = 29 V (HORIZ. SHEAR STRESS (MODULUS OF ELASTICI C (COMPRESSION PERPE	900 PSI S) = 290 PSI TY) = 2,000,000 PSI ENDICULAR TO GRAIN) = 75	50 PSI	
	7. a. b.	PREFABRICATED WOOD PROVIDE TJI JOISTS AS I-JOISTS SHALL BE TJI'S	I-JOISTS (TJI): INDICATED ON DRAWINGS AS MANUFACTURED BY TF	RUS-JOIST OR APPROVED EQL	JIVALENT.
PROFILES, SIZES, SPACING, LOCATIONS OF STRUCTURAL MEMBERS, DECKING,	8. PARTII LUMBE	MISCELLANEOUS LUMBE FIONS, CANT STRIPS, BUC R OF SIZES AND SHAPES	ER: PROVIDE WOOD FOR S CKS, NAILERS, BLOCKING, F INDICATED. GRADE: HEM	SUPPORT OR ATTACHMENT OF FURRING, GROUNDS, STRIPPIN FIR STUD GRADE AS GRADED	F THE WORK IN(NG AND SIMILAR) BY WWPA.
E WELDED CONNECTIONS WITH AWS A2.0 WELDING SYMBOLS. INDICATE NET WELD	9. RATINO	ROOF, FLOOR AND WAL G AS REQUIRED TO SUIT S	L SHEATHING: APA RATED SUPPORT SPACING INDICA	OR ADVANTECH VIP+ SHEATH	HING, THICKNES 1, THREE SPAN
RTIFICATE: CERTIFY THAT PRODUCTS MEET OR EXCEED SPECIFIED REQUIREMENTS.	10. COMPL ANCHC G-185.	FASTENERS AND ANCHO LETE THE WORK. BOLTS, DRS IN CONTACT WITH PF	DRS: FURNISH ITEMS OF F NUTS AND WASHERS SHA RESSURE TREATED LUMBE	ROUGH HARDWARE, METAL CO LL BE HOT DIPPED ELECTRO (R SHALL BE STAINLESS STEE)	ONNECTORS, BO GALVANIZED ST L OR STEEL HO ⁻
IT INDICATING STRUCTURAL STRENGTH, DESTRUCTIVE AND NON-DESTRUCTIVE TEST	11. SHALL FOLLO a. b.	WOOD CONNECTORS SH CONFORM TO MANUFAC WING CONNECTORS: TJI JOISTS: IUS HANGER 2x JOISTS: LUS HANGER	ALL BE BY SIMPSON STON TURER'S COATING RECOM IS. S.	G-TIE OR APPROVED EQUIVAL IMENDATIONS. UNLESS OTHEF	LENT. SIMPSON RWISE NOTED C
TEEL MEMBERS IN ACCORDANCE WITH AISC CODE OF STANDARD PRACTICE.	c. d. e.	POST BASES: AB OR ABU POST CAPS: AC AND AC LVL BEAMS: HU AND HU	U POST BASES. E POST CAPS. C BEAM HANGERS.		
DANCE WITH AISC SECTION 10. R: COMPANY SPECIALIZING IN PERFORMING THE WORK OF THIS SECTION WITH MINIMUM	12. 13. PERCE	SUBFLOOR GLUE: APA / WOOD PRESERVATIVE (NT RETAINAGE.	AFG-01, WATERPROOF OF PRESSURE TREATMENT):	WATER SOLVENT BASE, AIR C AWPA TREATMENT ACQ USIN	URE TYPE, CAR G WATER BORN
	EXECU	ITION			
LANGE MEMBERS: ASTM A992/A572, GRADE 50	1.	SET STRUCTURAL MEME	BERS LEVEL AND PLUMB, I	N CORRECT POSITION.	
AND OTHER HOT ROLLED SHAPES: ASTM A36	2. PLUME	MAKE PROVISIONS FOR 3, AND IN TRUE ALIGNMEN	ERECTION LOADS, AND FO	OR SUFFICIENT TEMPORARY B OF ERECTION AND INSTAL	BRACING TO MAI
GRADE B.	3.	PLACE HORIZONTAL ME	MBERS, CROWN SIDE UP.		
RS: MINIMUM 3/4" DIAMETER ASTM A325 BOLTS, ASTM A563 NUTS WITH HARDENED	4.	CONSTRUCT LOAD BEAF	RING FRAMING AND CURB	MEMBERS FULL LENGTH WITH	IOUT SPLICES.
153 FOR GALVANIZED STRUCTURAL MEMBERS. ASTM A490 BOLTS REQUIRED WHERE	5. SPACIN		PENINGS OVER 24 INCHES	3 WIDE. SPACE SHORT STUDS	OVER AND UNI
7 FOR HEADED BOLT ASTM A-36 FOR THREADED ROD	6.	CONSTRUCT DOUBLE JO	DIST HEADERS AT FLOOR A	AND CEILING OPENINGS AND L	JNDER WALL ST
D1.1; TYPE REQUIRED FOR MATERIALS BEING WELDED.	PARAL	LEL TO FLOOR JOISTS. F		δ.	
PRE-MIXED COMPOUND CONSISTING OF NON-METALLIC AGGREGATE CEMENT, WATER TIVES, CAPABLE OF DEVELOPING A MINIMUM COMPRESSIVE STRENGTH OF 7,000 PSI AT 28 STAR PRODUCTS, INC., FAIRFIELD, CT, OR APPROVED EQUIVALENT.	7. BLOCK 8.	UNG OR BRIDGING AT ENI PLACE FULL WIDTH CON	G IN EXCESS OF 8 FEET SP DS OF MEMBERS. ITINUOUS SILL FLASHINGS	UNDER FRAMED WALLS ON C	EMENTITIOUS F
ER: TNEMEC SERIES FM88 OR APPROVED EQUIVALENT.	FLASH				
LVANIZED SURFACES: TNEMEC SERIES 37, ZINC RICH RED APPROVED EQUIVALENT.	9. AND SI	HEET ENDS OVER BEARIN	ING WITH LONGER EDGE P IG.	ERPENDICULAR TO FRAMING	MEMBERS AND
	10.	USE SHEATHING CLIPS E	BETWEEN SHEETS BETWE	EN ROOF FRAMING MEMBERS	i.
MPONENT SURFACES IN ACCORDANCE WITH SSPC SP-2 FOR ENCLOSED STEEL TO	11.	PROVIDE SOLID EDGE B	LOCKING BETWEEN SHEE	rs.	
STEEL MEMBERS. DO NOT PRIME SURFACES THAT WILL BE EXPOSED, FIREPROOFED,	12.	WHERE TONGUE AND G	ROOVE PLYWOOD IS USED), FULLY ENGAGE TONGUE AN	
H CONCRETE.	13. AND S ⁻	SECURE WALL SHEATHI TAGGERED.	NG WITH LONG DIMENSION	VPERPENDICULAR TO WALL S	STUDS, WITH EN
CTURALLY EXPOSED STEEL AFTER INSTALLATION. FURAL STEEL MEMBERS ARE TO BE GALVANIZED IN ACCORDANCE WITH ASTM A123. ALVANIZED COATING.	14. FRAMII SCREV	SECURE SUB-FLOOR SH NG AND WITH END JOINTS VS.	IEATHING WITH LONGER E S STAGGERED AND SHEET	DGE PERPENDICULAR TO FLO ENDS OVER BEARING. ATTA	OR CH WITH SUB-FL
DS, AND FOR SUFFICIENT TEMPORARY BRACING TO MAINTAIN STRUCTURE SAFE. PLUMB.	15. a. b.	TOLERANCES: FRAMING MEMBERS: 1/4 SURFACE FLATNESS OF	4 INCH FROM TRUE POSITIO FLOOR: 1/4 INCH IN 10 FE	ON, MAXIMUM. ET MAXIMUM, AND 1/2 INCH IN	30 FEET MAXIM
MPLETION OF ERECTION AND INSTALLATION OF PERMANENT BRACING.	17. INCLUI LOADIN	ALL POSTS AND COLUM DING BLOCKING IN FLOOF NG.	NS FROM HEADERS AND B R AND ROOF SPACES. BLO	EAMS SHALL BEAR CONTINUC CKING SHALL BE OF THE SIZE	DUSLY TO CONC AND SHAPE TO
R STRUCTURAL MEMBERS WITHOUT APPROVAL OF ARCHITECT/ENGINEER.	18.	ALL BOTTOM BEARING F	PLATES, FOR STUD WALLS	OR BEAM BEARING, SHALL BE	ANCHORED TO
ELDS, ABRASIONS, AND SURFACES NOT SHOP PRIMED, EXCEPT SURFACES TO BE IN	1/2" DIA	AMETER ANCHOR BOLTS	AT 32" ON CENTER, UNLES	S NOTED OTHERWISE.	
S	19.	ALL WOOD IN CONTACT	WITH CONCRETE SHALL B	E PRESERVATIVE PRESSURE	INEATED, P.P.T

1. UNLESS OTHERWISE SPECIFIED, EACH PIECE OF LUMBER SHALL BEAR THE GRADE MARK, STAMP, OR OTHER IDENTIFYING MARKS INDICATING GRADES OF MATERIAL, AND RULES OR STANDARDS UNDER WHICH PRODUCED. SUCH IDENTIFYING MARKS ON A MATERIAL SHALL BE IN ACCORDANCE WITH THE RULE OR STANDARD UNDER WHICH MATERIAL IS PRODUCED, INCLUDING REQUIREMENTS FOR QUALIFICATIONS AND AUTHORITY OF THE INSPECTION ORGANIZATION, USAGE OF AUTHORIZED IDENTIFICATION, AND INFORMATION INCLUDED IN THE IDENTIFICATION. THE INSPECTION AGENCY FOR LUMBER SHALL BE APPROVED BY THE BOARD OF REVIEW, AMERICAN LUMBER STANDARDS COMMITTEE, TO GRADE SPECIES

12	13	14	15	
G AND AFTER DELIVERY AT THE SITE. PILE	<u>PLA</u> 1	E CONNECTED WOOD ROOF TRUSSES		
TE AIR CIRCULATION AND TO PREVENT NCHES ABOVE GRADE AND COVER TO	1.	FIELD-VERIFY EXISTING TRUSS PROFILES FABRICATION OF NEW TRUSSES.	AND DIMENSIONS PRIOR TO	
	2.	DESIGN NEW TRUSSES USING DESIGN LO. LOAD, 10 PSF TOP CHORD DEAD LOAD, 10	ADS AS FOLLOWS: 30 PSF ROOF SNOW PSF BOTTOM CHORD DEAD LOAD.	
SURFACES WHILE UNLOADING.	3.	DESIGN TO LOADINGS AND CONFIGURATION	ONS SHOWN ON DRAWINGS WITH	
S. PROVIDE ACTUAL SIZES AS REQUIRED BY	4.	SUBMIT TRUSS SHOP DRAWINGS INCLUDI TRUSS DESIGN LOCATIONS. FOR EACH TH TRUSSES AND ASSOCIATED COMPONENT FASTENER DESCRIPTIONS AND SPACINGS OPENINGS. SUBMIT ALL DESIGN CALCULA	NG LAYOUT PLANS CODED TO INDICATE RUSS, INDICATE SIZES AND SPACING OF S, WEB AND CHORD SIZES, PLATE SIZES, S, LOADS AND TRUSS CAMBERS, AND FRAMEE NTIONS INCLUDING DEFLECTIONS.	
GLAS FIR-LARCH NO.2 AS GRADED BY WWPA GRADED BY SPIB	5. 6.	PUBLICATIONS: SUBMIT ONE COPY OF BC AND PROVIDE TWO COPIES TO ERECTOR REVIEW OF TRUSS SUBMITTALS BY THE E CONFORMANCE WITH THE DESIGN CONCE THE DESIGN OF THE TRUSS OR ITS COMP FOLLOWING:	SI 1-03 AND BCSI B1 SUMMARY SHEET TO BE KEPT ON SITE. NGINEER SHALL BE ONLY FOR EPT AND SHALL NOT INDICATE APPROVAL OF ONENTS. REVIEW SHALL BE LIMITED TO THE	
		a. VERIFICATION OF CORRECT LOADIN	G USED BY THE TRUSS ENGINEER.	
LAM BY GEORGIA PACIFIC OR MICROLAM BY RESS CRITERIA:		b. REVIEW OF TRUSS REACTIONS AND ADEQUATE TO SUPPORT TRUSS REA	VERIFICATION THAT BUILDING ELEMENTS AR CTIONS AS DETERMINED BY THE TRUSS ENG	
		C.REVIEW OF TRUSS DEFLECTIONS AS SUITABILITY IN THE OVERALL BUILDIN	CALCULATED BY THE TRUSS ENGINEER FOR IG CONFIGURATION.	
	0	d.DIMENSIONS WILL BE REVIEWED FOF LOCATIONS AS INDICATED ON THE PI	R CONFORMANCE WITH THE BEARING ROJECT DRAWINGS.	
	0.	DESIGN AND FABRICATE TRUSSES IN ACC INSTITUTE TPI 1-2002.	ORDANCE WITH TRUSS PLATE	
OLLOWING MINIMUM ALLOWABLE STRESS	9.	TRUSS HANDLING AND INSTALLATION SHA 1-03.	ALL BE IN ACCORDANCE WITH TPI BCSI	
	10.	DESIGN TRUSSES UNDER DIRECT SUPER ENGINEER.RUCTURAL ENGINEER EXPERIE IN COLORADO. SHOP DRAWINGS SHALL B	/ISION OF A PROFESSIONAL ENCED IN DESIGN OF THIS WORK AND LICENSED BEAR THE STAMP OF THAT PROFESSIONAL	
	11.	MINIMUM TOP AND BOTTOM CHORD MEME	BER SIZE SHALL BE 2x6. MINIMUM WEB	
) EQUIVALENT.		MEMBER SIZE SHALL BE 2x4. MINIMUM STF OF HEM-FIR OR DOUGLAS FIR NO. 1/NO. 2, MINIMUM MOISTURE CONTENT. STUD GR/	RESS VALUES SHALL MEET THE REQUIREMENTS 19 PERCENT MAXIMUM AND 7 PERCENT ADE LUMBER SHALL NOT BE USED.	
NT OF THE WORK INCLUDING NON-BEARING	12.	STEEL PLATE CONNECTORS SHALL BE AS GALVANIZED: DIE STAMPED WITH INTEGR/ TRUSS ENGINEER.	TM A446 STEEL, GRADE B, HOT DIP AL TEETH THICKNESS AS DETERMINED BY	
IEATHING, THICKNESS AS INDICATED, SPAN	13.	TRUSS BRIDGING: TYPE, SIZE AND SPACIN MANUFACTURER.	NG RECOMMENDED BY TRUSS	
LITY 1, THREE SPAN MINIMUM.	15	TRUSS ERECTOR SHALL VERIFY THAT SUF	PPORTS AND OPENINGS ARE READY TO WORK.	
AL CONNECTORS, BOLTS, ETC., REQUIRED TO TRO GALVANIZED STEEL. FASTENERS AND STEEL OR STEEL HOT DIP GALVANIZED TO	15.	MAKE PROVISIONS FOR ERECTION LOADS BRACING TO MAINTAIN STRUCTURE PLUM OF ERECTION AND INSTALLATION OF PERI	AND FOR SUFFICIENT TEMPORARY B AND IN TRUE ALIGNMENT UNTIL COMPLETION MANENT BRACING.	
JIVALENT. SIMPSON STRONG-TIE CONNECTORS THERWISE NOTED ON DRAWINGS, USE THE	17.	PERMANENT BRACING AS SHOWN ON PRO BCSI 1-03 SHALL BE COMPLETED NO LATE TOP CHORD SHEATHING.	DJECT DRAWINGS AND AS INDICATED IN R THAN IMMEDIATELY AFTER INSTALLATION OF	

BCSI 1-03 SHALL BE COMPLETED NO LATER THAN IMMEDIATELY AFTER INSTALLATION OF TOP CHORD SHEATHING. DO NOT FIELD CUT OR ALTER STRUCTURAL MEMBERS WITHOUT APPROVAL OF ARCHITECT AND STRUCTURAL ENGINEER.

TRUSSES SHALL BE INSTALLED A MAXIMUM OF 1/2 INCH FROM TRUE POSITION.

ERE SHOWN ON DRAWINGS. FIT SOLID

N CEMENTITIOUS FOUNDATIONS. LAP

ING MEMBERS AND WITH ENDS STAGGERED

AND GROOVE EDGES. _ STUDS, WITH ENDS OVER FIRM BEARING

TACH WITH SUB-FLOOR GLUE AND #8

H IN 30 FEET MAXIMUM. NUOUSLY TO CONCRETE FOUNDATIONS SIZE AND SHAPE TO CARRY THE REQUIRED

BE ANCHORED TO THE FOUNDATION WITH

JRE TREATED, P.P.T.

20. ALL EXTERIOR AND INTERIOR BEARING WALLS SHALL HAVE BLOCKING SPACED AT A MAXIMUM OF 48" O.C.

BASIS OF DESIGN: BUILDING CODE: 2006 IRC DESIGN LOADS: ROOF DEAD LOAD: 20 PSF FLOOR LIVE LOAD: 40 PSF FLOOR DEAD LOAD: 20 PSF (45 PSF @ SLAB ON STEEL DECKS) GROUND SNOW LOAD (PG): 30 PSF ROOF SNOW LOAD: 30 PSF WIND DESIGN DATA: BASIC WIND SPEED: 100 MPH EXPOSURE C SEISMIC DESIGN CATEGORY B

FOUNDATION: REFER TO SOILS REPORT #...... BY DATED:

ALLOWABLE END BEARING PRESSURE: 25 KSF AND MINIMUM DEAD LOAD: 7.5 KSF, 2.5 KSF SKIN FRICTION AFTER INITIAL 3 FT. OF PENETRATION INTO BEDROCK. MINIMUM OF 9 FT. PENETRATION INTO BEDROCK, MIN. PIER LENGTH OF 29 FT.

CHECK AND FILL OUT

FROST LINE DEPTH - 36"

SO

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SO

FRAMING LEGEND - FOUNDATION 1/4" = 1'-0"

___5283' - 10 3/4" T.O. FOOTING__

___5283' - 0 3/4" B.O. FOOTING__

•

 $\mathbf{\mathbf{O}}$

F

1

2

3

\$1.1 3D - FOUNDATION VIEW

2 3 4 5 1

A6 2

2

3

B

- C

- E
- F

4

5

12

2

- 121 8 K

3 4

5

- - - A6 2
 - THE UPPER FLOOR FRAMING PLAN DEPICTS: - UPPER FLOOR HEADERS - UPPER FLOOR BOX _____ - _ _ _ ____

FRAMING LEGEND - UPPER FLOOR 1/4" = 1'-0"

UPPER FLOOR FRAMING PLAN

- B
- C
- N
- Ε

2

- THE ROOF FRAMING PLAN DEPICTS: _____
- FRAMING LEGEND ROOF 1/4" = 1'-0"

- 0" 64' - 0" 80 A6 2 36' - 8 13/16" \uparrow_{0} 3' - 0" + + \geq

4

3

5

ROOF FRAMING PLAN

- E

S4.1 3D - ROOF FRAMING VIEW